MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

DECEMBER, 1924

J. A. BROWN, DIRECTOR

Printed at the American Press.

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DECEMBER 1924.
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	Means	Max.	Min.			
1	764.	762.3	762.7	763 2	19.2	13.6		8.5	
2	2.7	2.0	3.5	2.7	19.8	15.3		7.7	
3	5.5	5.2	6.8	5.8	20.3	14.7		8.6	
4	7.7	6.6	6.9	7.1	20.2	14 7		6.5	
5	8 0	6.7	6.7	7.1	20.0	14 9		9.0	
6	4.8	2.6	1.9	3.1	19.9	14 4		0 0	
7	1.9	0 0	0.4	0.8	19.9	14.1		9.1	
8	0.0	58.0	59.3	59.1	21.1	15.7		1.7	
9	1.8	61.4	5.6	9.6	21.0	16.4		6.5	
10	2.8	1 7	62.1	62.2	20.1	13 4		5.3	4.32
11	3.6	3.1	4.0	3.6	21.2	13 4		6.0	
12	4.4	3 6	4.0	4.0	19.1	10.8		0.0	
13	4.0	3.0	3.8	3.6	19.6	13.4		3 8	9.65
14	4.1	3.4	3.4	3.6	19.4	13.1		3.7	4.57
15	5.3	4.8	5.5	5 2	19.3	12 8		8.0	
16	3.8	3 0	2 6	3.1	19.0	13.1		7.3	
17	1.1	59 6	59.2	0.0	19.1	13.1		0.7	4.06
18	1.0	61.4	6.3	59 6	19.0	15.1		3.0	0.75
19	0.0	58.6	9 8	9.5	19.0	12.4		1 1	22.85
20	59.9	7.5	7.4	8.3	16 1	13.		0 0	13.20
21	9.8	8.0	9.7	9.2	16.8	10 7		5.6	2.54
22	6.9	6 3	7.0	6.7	15.3	12.4		2.0	9.91
23	60.9	61.0	62.6	61.5	13 0	9.5		6.5	
24	3.6	2.8	3.6	3.3	14.2	8.5		7.0	
25	3 4	2.6	2.0	2 7	14.9	8.4		2.1	1.88
26	57.9	0.5	3 0	0.5	13.4	10.3		2 3	1.50
27	66.6	6.2	7.4	6.7	13.2	6.4		7.7	
28	7.8	7.1	8.0	7.6	11.4	5.1		2.0	
29	6.1	4.8	4.1	5.0	13.6	7.8		0 6	5 83
30	3 2	0.4	0.1	1.2	12.9	7.8		0.0	61 19
31	1.3	0.9	2.3	1.5	12 3	7.8		3.7	9 65
	763 05	762 10	762 31	762.48	17.53	12 01		4.4	151 90

BAROMETER

Maximum	768.0	on 5 & 28
Minimum	755.6	on 9

THERMOMETER

Maximum	21.2	on 11
Minimum	5.1	on 28
Minimum on grass		on

RAINFALL

Maximum	61.19 mm.	on 30

Number of days with rain 14, thunderstorms 2, fog 0, gale 2

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8.30	2.30	8:30	Mean	8:30	2:30	8:30	8:30	2;30	8:30	Mean	8:30	2:30	8:30	Mean
1	16.4	18.6	16.3	17.1	12.8	14 4	12.1	8.9	9.8	8 3	9.0	64	61	60	62
2	17.2	19 2	17 2	17.9	12.1	15.4	15.4	7.9	10.7	11.9	10.2	54	65	82	67
3	17.7	19 5	18.0	18.4	12.6	15.2	12.2	8 2	10.3	7.7	8.7	53	61	50	55
4	18.3	20.5	16 8	18.5	14.3	15.8	14.1	9 9	10.5	10 3	10.2	62	58	72	64
5	16.4	19.4	16 4	17.4	11.4	15 4	12.9	7.6	10 7	9 1	9 1	54	63	65	61
6	16.6	19 3	16.7	17 5	12.2	14.7	12.2	8.3	9 9	8 2	8 8	59	59	58	59
7	16.7	18.8	16.6	17.4	11 1	14.1	12.1	7.2	9.2	8.1	8.2	50	57	57	55
8	18.3	20 4	19.1	19 3	14.5	16.9	15.8	10.1	12.1	11.3	11.2	64	68	69	67
9	18.3	20 6	17 2	18.7	14.4	16.4	14.7	10.1	11.3	10.9	10.8	63	62	74	66
10	14 2	18.3	16 7	16.4	13.8	14.8	13.5	11.5	10.4	9 7	10.5	96	67	69	77
11	16.3	18.6	16.2	17.0	13.5	13 8	12.3	9 9	9.1	8.6	9 2	72	56	63	64
12	15 9	18.7	16.0	16.9	12.3	14 6	13.2	8.7	10 1	9 1	9 3	64	63	64	64
13	16.3	18 7	14 2	16.4	12.7	14.4	12.6	8.9	9.8	10.1	9.6	65	61	82	69
14	17.0	17.1	15.3	16.5	13 8	14.0	12 5	9 9	10.1	9 2	9.7	69	69	71	70
15	14.7	17.1	15.3	15 7	11.2	13.8	12.8	8.6	9 8	9.6	9.3	73	68	74	72
16	15.8	18.6	16.7	17 3	11 9	12.8	12.8	8 3	8.1	8.8	8.4	62	49	62	58
17	15.4	18.3	16.5	16.7	14.0	14 3	13.9	11.0	9.8	10.2	10.3	84	62	73	73
18	15.6	18.1	15.4	16 4	12 8	14 3	11.8	9.5	9 9	8 4	9.3	72	64	64	67
19	15.9	16.7	15.4	16 0	10.9	14 3	13 1	7.3	10.7	9.8	9 3	54	76	75	68
20	14.2	15 6	12.7	14.2	12.4	13.8	11 9	9 7	10.6	10.0	10.1	80	81	92	84
21	14.1	16.7	13.5	14.8	11.6	13.7	11.8	8.7	9.9	8.9	9 2	72	71	80	74
22	13.5	12.2	12.8	12 8	10.9	10.4	11.2	8 4	8 3	9 0	8 6	72	78	81	77
23	12.3	12.7	12.3	12.4	7 3	7.6	8.1	5.5	5 8	6.0	5.8	52	52	56	53
24	10.7	13.9	11.2	11.9	7 1	9 5	7 8	5.8	6.6	6 0	6 1	61	56	59	59
25	12.1	13.6	11.6	12.4	9.5	11 3	9.0	7 4	8 7	9.8	8 6	71	74	71	72
26	11.1	12.1	10 1	11.1	9.0	9.7	7.4	7.5	7.7	6.4	7.2	76	73	69	73
27	7.6	8 4	7.3	7.8	3.9	3.4	3.6	4.5	3.9	4.4	4.3	58	48	56	54
28	8.4	11.1	8.9	9.5	4 7	7 6	5 8	4.8	6.0	5.5	5 4	59	62	65	62
29	11.0	12.3	11.1	11.5	8.8	10.1	10.6	7.3	8.0	9 2	8.2	75	74	94	81
30	10.9	12.2	10.2	11 1	9 5	9.3	9 1	8.1	7 2	8.0	7.8	83	68	86	79
31	11.2	11.8	10 7	11 2	9.1	9 1	8.5	7.4	7 2	7.1	7.2	75	70	74	73
	14 52	16.42	14.43	15 11	11.16	12.74	11 45	8 29	9 10	8.69	8 69	67.0	64 4	69.9	67 1

Height of Barometer above sea level: 33.7 meters.
" " Thermometer above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1·70 m
Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Gravity Correction — 0.79mm.
Time of readings according to Standard Time of 30th E. Meridian.

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	0	1ci	1ci	0 7	1se	1se	1se	117.7	calm	
2	2ci	1ci	0	1.0	1e	1e	1e	40.4	,,	
3	1ci	2ci	2ci	1.7	1e	1e	1se	70 5	,,	
4	2ci	0	0	0.7	0	1ne	0	16.1	,,	
5	0	0	0	0.0	0	2ne	0	60.3	,,	dew
6	6ci	9ci	1ci	5 3	0	3ne	0	79.7	,,	
7	0	0	0	0.0	0	1ne	0	33.8	,,	
8	8ci	7cu n	0	3.0	1	2	1	59 7	,,	
9	0	0	0	0.0	1e	3w	1se	135.7	,,	
10	6cu n	2ci	3cu ci	3.7	3ne	2nw	3ne	85.2	,,	
11	1cu ci	1	0	0.7	2ne	3	2ne	150.8	,,	
12	9cu ci	9cu ci	8cu ci	8.7	1nw	2	3	163.1	,,	
13	7cu n	4cu ci	5cu n	5.3	3	5	2 nw	230.3	,,	
14	5cu n	4cu n	2cu n	3.7	2	4	1ne	220.2	,,	
15	1	1	1	1.0	1ne	1nw	1ne	86.3	,,	
16	0	0	0	0.0	1ne	3n	1ne	253.3	v. slight	
17	10cu n	8cu n	5n	7.7	2	5nw	1ne	323.4	slight	thunder-
18	3	9cu n	3n	5.0	1	2	1ne	370.0	v. slight	storm
19	7cu n	9cu n	5n	7.0	3ne	1nw	2ne	516.1	slight	
20	9 n	10n	10n	9.7	0	1ne	0	59.2	calm	
21	3cu ci	3cu n	2n	2.7	0	1w	0	110.2	,,	
22	6	10	2n	6.0	1ne	2ne	7ne	114.5	,,	
23	4	3	2n	3.0	8nw	6 nw	2ne	1080.4	rough	gale
24	2	1	0	1.0	1ne	0	0	74.3	calm	
25	7cu ci	8cu n	5n	6.7	0	2ne	1ne	77.8	,,	
26	10n	4cu ci	0	4.7	1	8 nw	8 nw	501.8	rough	gale
27	0	0	0	0.0	6nw	5 nw	2 nw	1330.4	,,	
28	8cu n	3	2n	4.3	1ne	0	1ne	55.5	calm	
29	10n	10n	10n	10.0	0	4	1	159.5	,,	thunder-
30	10n	10n	10n	10.0	2	2 nw	2 nw	221.8	,,	storm
31	9n	4	4	5.7	4nw	3 nw	3 nw	358.8	v. slight	
				3.8				230.86		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	8	3	1	0	7	0	4	8
2:30	1	7	2	1	0	7	2	9	2
8:30	0	12	1	3	0	3	0	5	7
Totals	1	27	6	5	0	17	2	18	17

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, sw.